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## INDEX TO AMERICAN BOTANICAL LITERATURE (1906)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in its broadest sense.

Reviews, and papers which relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions their kindness will be appreciated.

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**Allison, A.** Notes on the winter birds of Hancock County, Mississippi. The Auk 23: 44-47. Ja 1906.

The vegetation of the county is discussed briefly on pages 44 and 45.

**Baillie, A. G.** Bog plants. Bull. Pictou Acad. Sci. Assoc. 1: 23, 24. N 1906.

**Baker, C. F.** Informe del Departamento de Botánica. Inf. An. Estac. Cent. Agron. Cuba 1: 131-145. 1 Je 1906.

**Baker, C. F.** José Blain. Inf. An. Estac. Cent. Agron. Cuba 1: 217-223. pl. 30. 1 Je 1906.

**Borge, O.** Algen aus Argentina und Bolivia. Ark. Bot. 6<sup>4</sup>: 1-13. f. 1-5. 16 Jl 1906.

**Cermenati, M.** Ulisse Aldrovandi e l'America. Ann. di Bot. 4: 313-366. 20 S 1906.

**Christ, H.** Die *Botrychium*-Arten des Australen Amerika. Ark. Bot. 6<sup>3</sup>: 1-6. f. 1-9. 9 Je 1906.

Includes *B. Negeri* sp. nov.

**Cockerell, T. D. A.** The alpine flora of Colorado. Am. Nat. 40: 861-873. 19 D 1906.

**Cockerell, T. D. A.** The bees of Florissant, Colorado. Bull. Am. Mus. Nat. Hist. 22: 419-455. 17 D 1906.

Includes a flower-visiting record, in which (!) is published the new combination *Hymenoxys ligulaeflora*.

**Cook, M. T.** Informe del Departamento de Patología Vegetal. Inf. An. Estac. Cent. Agron. Cuba 1: 147-207. *pl.* 24-29. 1 Je 1906.

**Cook, M. T.** Teratología de la piña. Inf. An. Estac. Cent. Agron. Cuba 1: 242-246. *pl.* 43-46. 1 Je 1906.

**Davidson, A.** A revision of the western mentzelias. Bull. So. Calif. Acad. Sci. 5: 13-18. 30 Ap 1906.

**Dietel, P.** Monographie der Gattung *Ravenelia* Berk. Beih. Bot. Centralb. 20<sup>2</sup>: 343-413. *pl.* 5, 6. 1906.  
Recognizes 81 species, including 6 North American ones.

**Dusén, P.** Beiträge sur Bryologie der Magellansländer, von Westpatagonia und Südchile. IV. Ark. Bot. 6<sup>8</sup>: 1-40. *pl.* 1-12. 4 S 1906.

Includes 23 new species in 8 genera.

**Earle, F. S.** Algunos hongos cubanos. Inf. An. Estac. Cent. Agron. Cuba 1: 225-242. *pl.* 31-42. 1 Je 1906.

Includes new species in *Pocillaria* (5), *Phyllotus* (2), *Geopetalum* (2), *Crepidotus*, *Galera* (3), *Gymnochilus* (5), *Stropharia*, (2), *Pholiotina*, and *Pholiota*.

**Foslie, M.** Algologiske notiser, II. Kgl. Norske Vid. Selsk. Skr. 1906<sup>2</sup>: 1-28. [D] 1906.

Includes new American species in *Lithothamnion* (7), *Archaeolithothamnion*, *Litholepis*, *Lithophyllum* (2), and *Mastophora*.

**Fries, R. E.** Zur Kenntnis der Phanerogamenflora der Grenzgebiete zwischen Bolivia und Argentinien. II. *Malvales*. Ark. Bot. 6<sup>2</sup>: 1-16. *pl.* 1, 2. 9 Ap 1906.

Includes new species in *Bombax*, *Malvastrum*, *Sida*, *Gaya*, and *Wissadula*.

**Fussell, L.** List of Delaware County plants. Proc. Delaware Co. Inst. Sci. 2: 34-46. O 1906.

Delaware County, Pennsylvania.

**Grant, G. B.** *Wheelerella*. Bull. So. Calif. Acad. Sci. 5: 28. 30 Ap 1906.

**Hackel, E.** Gramina cubensia nova. Inf. An. Estac. Cent. Agron. Cuba 1: 409-412. 1 Je 1906.

New species in *Paspalum* (2) and *Leptochloa*.

**Hasse, H. E.** Contributions to the lichen-flora of Southern California. Bull. So. Calif. Acad. Sci. 5: 38-45. 11 S 1906.

**Hasse, H. E.** A few lichens picked up on San Jacinto Mountain. Bull. So. Calif. Acad. Sci. 4: 123-125. 5 F 1906.

**Hemsley, W. B.** On the *Julianiaceae*, a new natural order. Jour. Bot. 44: 379-384. N 1906.

- Holm, T.** *Ceanothus americanus* L. and *ovatus* Desf. ; a morphological and anatomical study. Am. Jour. Sci. IV. **22** : 523-530. *f.* 1-5. D 1906.
- Holm, T.** The root-structure of *Spigelia marilandica* L., *Phlox ovata* L., and *Ruellia ciliosa* Pursh. Am. Jour. Pharm. **78** : 553-559. *f.* 1-5. D 1906.
- Jennings, O. E.** A new species of *Lonicera* from Pennsylvania. Ann. Carnegie Mus. **4** : 73-77. *pl.* 20. D 1906.  
*L. altissima* sp. nov.
- Kneucker, A.** Bemerkungen zu den "*Gramineae exsiccatae*" XXI und XXII Lieferung 1906/07. Allgem. Bot. Zeits. **12** : 178-182. N 1906 ; 202-205. D 1906.
- Landreth, B.** A case of persistent vitality in seeds. Proc. Am. Phil. Soc. **45** : 5-8. Je 1906.
- Lloyd, C. G.** Mycological notes. **21** : 245-260. *pl.* 70-73 + *f.* 88-97. Ap 1906 ; **22** : 261-276. *f.* 98-123. Jl 1906 ; **23** : 277-292. *pl.* 86-90 + *f.* 124-130. Au 1906 ; **24** : 283-308. *pl.* 91-93 + *f.* 131-143. D 1906.
- Lloyd, C. G.** The *Tylostomeae*. 1-28. *pl.* 74-85 + *f.* 1-6. Cincinnati, Ohio. F 1906.
- Moore, C. L.** "Rusts," — with notes on some Nova Scotian species. Bull. Pictou Acad. Sci. Assoc. **1** : 20-22. N 1906.
- Palmer, T. C.** Rare local ferns. Proc. Delaware Co. Inst. Sci. **2** : 34-46. O 1906.
- Parish, S. B.** *Cereus giganteus* in California. Bull. So. Calif. Acad. Sci. **4** : 122. 5 F 1906.
- Parish, S. B.** A preliminary synopsis of the Southern California *Cyperaceae*. Bull. So. Calif. Acad. Sci. **4** : 126-133. 5 F 1906 ; **5** : 20-28. 30 Ap 1906 ; [35-37,] 47-54. 11 S 1906.
- Pearl, R.** Variation in the number of seeds of the lotus. Am. Nat. **40** : 757-768. *f.* 1-4. 26 N 1906.
- Perrédès, E. F.** London botanic gardens. Am. Jour. Pharm. **78** : 317-325. Jl 1906 ; 353-365. *pl.* 26-30. Au 1906.
- Robinson, B. L.** *Oxalis corniculata* and its allies. Jour. Bot. **44** : 386-391. N 1906.
- Simmons, H. G.** The vascular plants in the flora of Ellesmere-land. 1-198. *pl.* 1-10. Kristiania, 14 My 1906.  
Includes a description of *Poa evagans* sp. nov.
- Slade, H. B.** Studies in plant mutation. Am. Jour. Pharm. **78** : 311-317. Jl 1906.

- Van Tieghem, P.** Sur les Héliotropiacées. Ann. Sci. Nat. Bot. IX. 4: 261-271. D 1906.
- Viguiér, R.** Recherches anatomiques sur la classification des Araliacées. Ann. Sci. Nat. Bot. IX. 4: 1-208. J1 1906; 209, 210. D 1906.
- Warnstorf, O.** Neue *Sphagna* aus Brasilien. Beih. Bot. Centralb. 20<sup>2</sup>: 128-130. 1906. [Illustr.]  
Description of 7 new species and 1 new variety.
- Wheeler, W. M.** An ethological study of certain maladjustments in the relations of ants to plants. Bull. Am. Mus. Nat. Hist. 22: 403-418. pl. 63-68. 17 D 1906.
- Whitfield, R. P.** Notes on some Jurassic fossils from Franz Josef land, brought by a member of the Ziegler Exploring Expedition. Bull. Am. Mus. Nat. Hist. 22: 131-134. pl. 18, 19. 26 My 1906.  
Mentions a few fossil plants.